

BSTZ: 03764.P002

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PTO/SB/08A (10-96)

Guidant Disclosure No: 15980

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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|------------------------|-----------------|-----------|---|-------------|---|
| Application Number | 09/475,768 | | | | |
| Filing Date | 12/30/1999 | | | | |
| First Named Inventor | Ray, Pinaki | Λ | | .U.S. | |
| Group Art Unit_ | 3762 | 4. | 7 | 1 1 |) |
| Examiner Name | Not Assigned | 7 | 5 | 13 2 | V |
| Attorney Docket Number | 03764.P002 | | | | |

| | | | | U.S. PATENT DOCU | JMENTS | • |
|----------------------|--------------------------|-----------------------|---|---|--|--|
| Examiner Initials | Cite No. ¹ | U.S. Patent Number | Document Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| B. | | 4,994,033 | | Shockey et al. | 2/19/1991 | |
| 1 | | 5,002,528 | | Palestrant | 3/26/1991 | |
| | | 5,102,402 | | Dror et al. | 4/7/1992 | |
| | | 5,180,366 | | Woods | 1/19/1993 | |
| | | 5,304,121 | | Sahatjian | 4/19/1994 | |
| | | 5,324,261 | | Amundson et al. | 6/28/1994 | |
| | | 5,370,610 | | Reynolds | 12/6/1994 | |
| | | 5,370,614 | | Amundson et al. | 12/6/1994 | |
| | | 5,380,307 | | Chee et al. | 1/10/1995 | |
| | | 5,397,307 | | Goodin | 3/14/1995 | |
| | | 5,415,636 | | Forman | 5/16/1995 | |
| | | 5,462,523 | | Samson et al. | 10/31/1995 | |
| | | 5,514,092 | | Forman et al. | 5/7/1996 | |
| | | 5,538,504 | | Linden et al. | 7/23/1996 | |
| | | 5,554,119 | | Harrison et al. | 9/10/1996 | |
| | | 5,558,642 | | Schweich, Jr. et al. | 9/24/1996 | |
| | | 5,588,962 | | Nicholas et al. | 12/31/1996 | |
| | | 5,674,192 | | Sahatjian et al. | 10/7/1997 | |
| 1 | | 5,725,496 | | Peters | 3/10/1998 | |
| <i>O</i> 5. | | 5,725,796 | | Finkenzeller et al. | 3/10/1998 | |

| | | | | FORE | GN PATENT DOCUMEN | TS | | |
|-----------------------------|---------------------|---------------------|--------------------------------------|-----------------------------|------------------------------|--|--|--|
| i | Cita | 1 | oreign Patent Do | cument | Name of Patentee or | Date of Publication of | Pages, Columns, Lines, Where Relevant | |
| Examiner Cite Initials No.1 | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | Applicant of Cited Document | Cited Document MM-DD-YYYY | Passages or Relevant Figures Ap bear | T6 | |
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| Examiner | 7 | Λ | | Date | 1 | 1 | |
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| Signature | Millerine | | a lu | Considered | 128 | 102 | |
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Sheet 2 of 3

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| Application Number | 09/475,768 |
| Filing Date | 12/30/1999 |
| First Named Inventor | Ray, Pinaki |
| Group Art Unit | 3762 |
| Examiner Name | Not Assigned |
| Attorney Docket Number | 03764.P002 |

| | | | | | U.S. PATENT DOCI | JMENTS | |
|----------------|-------------|--------------|-----------------------|---|---|--|--|
| Exar Initia | niner Is | Cite No.1 | U.S. Patent Number | Document Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| 1 | ۶. | | 5,772,632 | | Forman | 6/30/1998 | |
| | | | 5,792,094 | | Stevens et al. | 8/11/1998 | |
| П | | | · 5,792,095 | | Kissinger et al. | 8/11/1998 | |
| \Box | | | 5,792,105 | | Lin et al. | 8/11/1998 | |
| | | | 5,795,318 | | Wang et al. | 8/18/1998 | |
| | П | | 5,797,870 | | March et al. | 8/25/1998 | · · · · · · · · · · · · · · · · · · · |
| | П | | 5,843,033 | | Ropiak | 12/1/1998 | |
| | П | | 5,860,954 | | Ropiak | 1/19/1999 | |
| | П | | 5,866,561 | | Ungs | 2/2/1999 | |
| | | | 5,868,719 | | Tsukenik | 2/9/1999 | |
| | | | 5,893,840 | | Hull et al. | 4/13/1999 | |
| | | | 5,951,458 | | Hastings et al. | 9/14/1999 | |
| | | | 5,954,706 | | Sahatjian | 9/21/1999 | |
| | | | 6,013,099 | | Dinh et al. | 1/11/2000 | |
| \Box | \Box | | 6,059,814 | | Ladd | 5/9/2000 | |
| O | り り | | 6,068,645 | | Tu | 5/30/2000 | |
| | | | | | | | |
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| | | | | FORE | IGN PATENT DOCUMENT | rs | | |
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| Examiner Initials* | Cite No.1 | Office ³ | Foreign Patent Do Number ⁴ | cument Kind Code ⁵ (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T |
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Complete if Known 09/475,768 **Application Number** INFORMATION DISCLOSURE 12/30/1999 **Filing Date** STATEMENT BY APPLICANT Ray, Pinaki **First Named Inventor** 3762 Group Art Unit Not Assigned **Examiner Name** (use as many sheets as necessary) Attorney Docket Number of Sheet 03764.P002

| | T T | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the | T | | | | | | | |
|--------------------------|--|--|-------|--|--|--|--|--|--|--|
| Examiner Initials* | Cite No. ¹ | item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² | | | | | | | |
| Or. | | Y. AKAMO, et al., "Chemotherapy Targeting Regional Lymph Nodes By Gastric Submucosal Injection of Liposomal Adriamycin in Patients with Gastric Carcinoma," Jpn. J. Cancer Research, June 1994, pgs. 652-658, Vol. 85 | | | | | | | | |
| | | E. NABEL, et al., "Safety and Toxicity of Catheter Gene Delivery to the Pulmonary Vasculature in a Patient with Metastatic Melanoma," Human Gene Therapy, September 1994, pgs. 1089-1094, Vol. 5 | | | | | | | | |
| | | D. AUGUST, et al., "Pharmacokinetic Evaluation of Percuatneous Hepatic Venous Isolation for Administration of Regional Chemotherapy," Surgical Oncology, 1995, pgs. 205-216, Vol. 4 | | | | | | | | |
| | | I. RAAD, et al., "Silver lontophoretic Catheter: A Prototype of a Long-Term Antiinfective Vascular Access Device," The Journal of Infectious Diseases, February 1996, pgs. 495-498, Vol. 173:2 | | | | | | | | |
| | H. OHIGASHI M.D., et al., "A New Method of Intra-Arterial Regional Chemotherapy With More Selective Delivery For Locally Advanced Pancreatic Cancer" Hepato-Gastroenterology, Mar-Apr 1996, pgs. 338-Vol. 43 | | | | | | | | | |
| | | E. TAN, et al., "5-Fluorouracil Continuous Infusion in Metastatic Colorectal Cancer," Annals Academy of Medicine, September 1996, pgs. 748-751, Vol. 25:5 | | | | | | | | |
| | | D. STEPHAN, et al., "A New Cationic Liposome DNA Complex Enhances the Efficiency of Arterial Gene Transfer In Vivo," Human Gene Therapy, October 1996, pgs. 1803-1812, Vol. 7 | | | | | | | | |
| | | S. BAILEY, "Local Drug Delivery: Current Applications," Progress in Cardiovascular Diseases, September/October 1997 | | | | | | | | |
| (y ₃ . | | R. FASOL PD, et al., "Coronary Artery Angiogenesis Induced By Surgically Implanted Growth Factor: Clinical Results After One Year," ESC Press Release (http://www.escardio.org/index.htm), August 22-26, 1998, Germany | | | | | | | | |
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